

Title (en)
MULTI-AXIS LOAD CELL BODY

Title (de)
MEHRKOMponenten-LASTWANDLERKÖRPER

Title (fr)
CORPS DE MESUREUR DE FORCES MULTIAXIALES

Publication
EP 1336085 A1 20030820 (EN)

Application
EP 01973552 A 20010925

Priority
• US 0130122 W 20010925
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• US 90722801 A 20010717

Abstract (en)
[origin: US2002059837A1] The present invention is an improved compact load cell, which is used on large vehicles and yet is easy to manufacture. The load cell comprises two rings having at least three tubes extending from the first ring to the second ring. Sensors are mounted on the tubes to measure strain of the load cell body in a plurality of directions. The load cell can further be mounted on a vehicle spindle to measure forces and moments of a wheel assembly at the spindle as a vehicle is operated.

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G01L 5/16

IPC 8 full level
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